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## C-A OPERATIONS PROCEDURES MANUAL

## ATTACHMENT

## 11.4.3.a STAR Power Supply SHUT-DOWN Check Off List

11.4.3		
11.4.5		
<u>Hanc</u>	l Processed Changes	
No. <u>Date</u>	Page Nos.	<u>Initials</u>
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P. Rosas

## STAR Power Supply SHUT-DOWN Check Off List

1	Set all power supplies set-points to zero:	
1.	• Space Trim East PS.	[]
	<ul><li>Space Trim East 15.</li><li>Space Trim West PS.</li></ul>	[]
	<ul> <li>Pole Tip Trim East (PTT-EAST) PS.</li> </ul>	[]
	D. I. W. J. W. J. (DEED WIEGEN) D.C.	
	1 ,	[]
	Main Magnet PS.	[]
	Note:	
	Main Magnet PS set point shall be reduced at a rate of 6 amp/ sec.	
	Pole Tip Trim power supplies shall be reduced at a rate of 1.6 amp/sec.	
_		
2.	Verify that the AC line voltage meters are working on each	
	Pole Tip Trim PS.	[ ]
2	Verify that the AC line voltage indicator lights are ON for	
3.	•	гэ
	each Space Trim PS.	[]
4	When the Main Magnet PS is at Zero output current then place	
••	each power supply into Stand-by:	
	• Set Space Trim East PS to Stand-by.	[]
	• Set Space Trim West PS to Stand-by.	[]
	<ul> <li>Set Space Time West 18 to Stand by.</li> <li>Set Pole Tip Trim East PS to Stand-by.</li> </ul>	[]
	<ul> <li>Set Fole Tip Trim East FS to Stand-by.</li> <li>Set Pole Tip Trim West PS to Stand-by.</li> </ul>	[]
	<ul> <li>Set Fold Tip Timi West 13 to Stand-by.</li> <li>Set Main Magnet PS to Stand-by.</li> </ul>	[]
	Set Wall Wagnet 15 to Stand-by.	LJ
5.	Notify <i>Pump Room Operator</i> that the <i>STAR</i> power supply water	
	system will be shut down.	[]
	• Shut down <i>STAR</i> power supply water.	[]
	• Set Space Trim East PS to <b>OFF</b> .	[ ]
	• Set Space Trim West PS to <b>OFF</b> .	[]
	• Set Pole Tip Trim East PS to <b>OFF</b> .	[ ]
	• Set Pole Tip Trim West PS to <b>OFF</b> .	[ ]
	• Set Main Magnet PS to <b>OFF.</b>	[]
	Ç	
6.	Main magnet 13.8 KV circuit breaker lock out:	
	<ul> <li>Unlock 13.8 KV circuit breaker door with UEB-19 key.</li> </ul>	[ ]
	<ul> <li>Withdraw the 13.8 KV circuit breaker to the TEST position.</li> </ul>	[ ]
	<ul> <li>Turn and remove Kirk lock key 1A.</li> </ul>	[ ]
	<ul> <li>Place key 1A in the 'A' Transfer lock.</li> </ul>	[]
	• Lock 13.8 KV circuit breaker door with <b>UEB-19</b> lock.	[]
7	Pole Tip Trim East (PTT-EAST) power supply AC fused disconnect switch lock ou	t·
/٠	Place PTT-EAST AC disconnect switch (at PB-1)	
	·	гп
	in the <b>OFF</b> position.	L J

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• Turr	and remove Kirk Lock key 2A.	[ ]
• Plac	e key <b>2A</b> in the <b>'A'</b> Transfer lock.	[ ]
• Veri	fy that the AC line voltage meters are de-energized	
on	the Pole Tip Trim East power supply.	[]
8. Pole Tip Trim Wes	t (PTT-WEST) power supply AC fused disconnect switch lock of	out:
• Plac	e PTT-West AC disconnect switch (at PB-1) in the	
OFI	F position.	[]
• Turi	and remove Kirk Lock key 3A.	[]
• Plac	e key <b>3A</b> in the <b>'A'</b> Transfer lock.	[]
	fy that the AC line voltage meters are de-energized	
	ne Pole Tip Trim West power supply.	[]
9. Space Trim West p	ower supply AC fused disconnect switch lock out:	
	e Space-Trim West AC disconnect switch (at the PS) in the	
	Position.	[ ]
• Plac	e Space-Trim West AC disconnect switch (at PB-1) in the	
	F position.	[ ]
• Turr	and remove Kirk Lock key <b>4A</b> .	[ ]
	e key <b>4A</b> in the <b>'A'</b> Transfer lock.	[]
	fy that the AC line voltage indicator light is <b>de-energized</b>	
	ne Space Trim West power supply.	[]
10. Space Trim East p	ower supply AC fused disconnect switch lock out:	
	e Space-Trim East AC disconnect switch (at the PS) in the	
	Prosition.	[]
• Plac	e Space-Trim East AC disconnect switch (at PB-1) in the	
	Position.	[]
	a and remove Kirk Lock key <b>5A</b> .	[ ]
	e key <b>5A</b> in the 'A' Transfer lock.	[ ]
	fy that the AC line voltage indicator light is <b>de-energized</b>	
	ne Space Trim East power supply.	[ ]
	nove Kirk Lock key <b>7X</b> from the <b>'A'</b> Transfer lock and place	LJ
	the <b>'B'</b> Transfer lock.	[ ]
	rt <b>PS Access key 6B</b> in Transfer lock <b>'B'</b> and release PS keys	L J
	2B, 3B, 4B and 5B for power supply entry.	[]
11. Record on the Pow	ver Supply logbook, the Shut-Down completion	[]
NOTES:		
TOTES.		
Completed By:	Date:	